

## FEATURES AND BENEFITS

- **Scalable**—Long term access to scalable, high bandwidth capacity as needs expand; 2.5 Gbps & 10 Gbps
- **Easy to Deploy**—Dark fiber features with the ease of a lit service
- **Cost Effective**—Bulk point-to-point bandwidth at competitive rates
- **Reduces network management** requirements and resources
- **Customizable to Meet your Business Objectives**—Available in both protected and unprotected configurations
- **Diverse Routes**—Available to improve customer network reliability and survivability
- **Close your SONET rings with clear** channel capacity
- **Supports Multiple Protocols**—Seamless support for your IP, ATM, frame relay, and circuit switched voice services
- **24x7x365 network surveillance**

## WAVELENGTH TECHNICAL SPECIFICATIONS

	Express	Metro
<b>Bandwidth</b>	2.5 Gbps (OC-48) 10 Gbps (OC-192)	2.5 Gbps (OC-48) 10 Gbps (OC-192)
<b>Protocol Independent</b>	Open interfaces support all major transport protocols: ATM, SONET, IP, etc.	Open interfaces support all major transport protocols: ATM, SONET, IP, etc.
<b>Handoff Optical Reach (fiber dependant)</b>	2.5 Gbps 30 miles 10 Gbps 20 miles	2.5 Gbps 15 miles 10 Gbps ICB
<b>Optional Route Diversity</b>	Yes	Yes
<b>Optional Optical Protection of Diverse Routes</b>	Yes	Yes
<b>Availability</b>	Boston, MA New York, NY Philadelphia, PA Washington, DC	Boston, MA Worcester, MA Springfield, MA Providence, RI Manchester, NH Hartford, CT Portland, ME New York, NY White Plains, NY Newark, NJ Philadelphia, PA Baltimore, MD Washington, DC
<b>Protection Specifications</b>	<b>Point-to-Point</b>	<b>Optically Protected Route Diverse</b>
<b>Availability</b>	99.9%	99.99%
<b>Bit Error Rate</b>	1x10 <sup>-9</sup>	1x10 <sup>-9</sup>
<b>Error Free Seconds</b>	99.9%	99.9%
<b>Mean Time To Repair (MTTR)</b>	8 hours	3 hours



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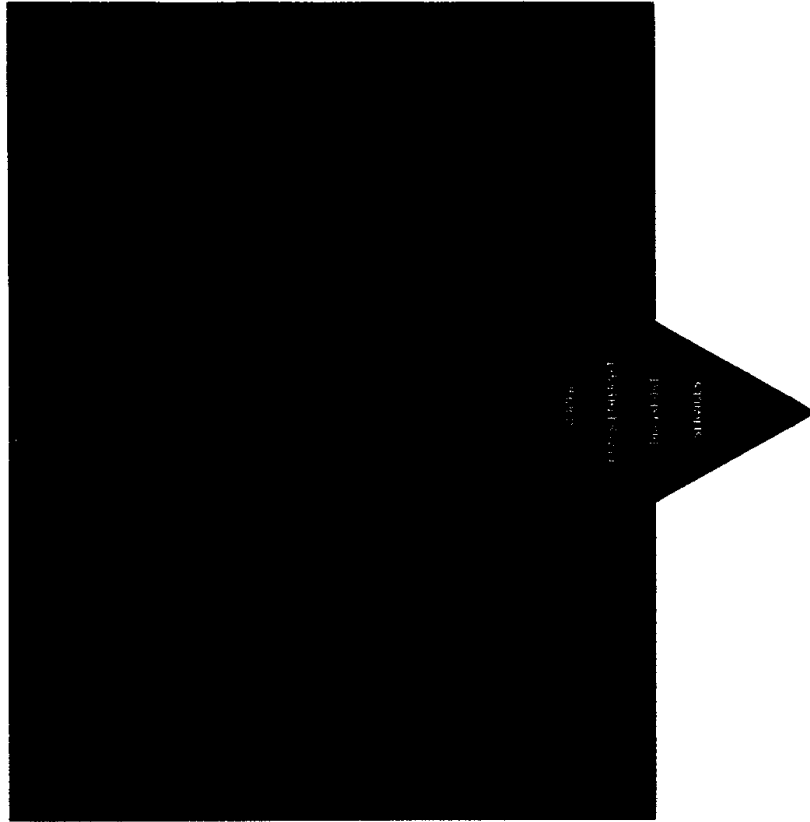
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9/03



# NEON COMMUNICATIONS

ETHERNET PRIVATE LINE SERVICE



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## NEON COMMUNICATIONS ETHERNET PRIVATE LINE SERVICE

NEON offers carrier class Ethernet transport services to meet the varying connectivity needs of carriers, ISPs, and large scale enterprise networks.

NEON's Ethernet Private Line Service offers dedicated, point-to-point connectivity at Fast Ethernet (50 Mbps or 100 Mbps) as well as Gigabit Ethernet (600 Mbps or 1000 Mbps). Ethernet can be used to support applications such as LAN-to-LAN connectivity, storage area networking, internet access, or disaster recovery solutions.

To meet the needs of its customers, NEON has designed the service so that it can be provisioned over a single path or, for added reliability, over a diverse path.

Ethernet Private Line Service is available at most of NEON's locations in both metro and long-haul configurations.

### CONNECTION MODEL

Fast Ethernet handoffs will be provided via copper 100BaseTx interface over category 5 twisted pair cable (Cat 5). Gigabit Ethernet handoffs will be provided via 1000BaseLX.

### SERVICE LEVEL AGREEMENT

Offered via On-Net Service

#### ■ Network Availability

##### ■ Diverse Path

≥ 99.99% measured annually

##### ■ Single Path

≥ 99.9% measured annually

#### ■ Throughput

##### ■ Fast Ethernet

100% (45 Mbps and 100 Mbps)

##### ■ Gigabit Ethernet

100% (600 Mbps and 1000 Mbps)

#### ■ Mean Time to Repair

4 hours

*Note: The demarcation point for evaluating performance is the NEON Ethernet port and does not include any media converters or connections beyond the Ethernet port.*

### FEATURES, ADVANTAGES, AND BENEFITS

■ Ease of Use: NEON Ethernet Private Line Service eliminates the need for additional WAN protocol layers

■ Cost Savings: Ethernet equipment interfaces are lower cost equipment interfaces

■ Reliable: Carrier grade 99.99% availability (over a diverse path) and 50 ms recovery

■ Scalable: Fast Ethernet from 50 Mbps to 100 Mbps and Gigabit Ethernet from 600 Mbps to 1000 Mbps

■ Flexible: The service can be designed to utilize a single path or diverse path

■ Dedicated Path: Ensuring private line security

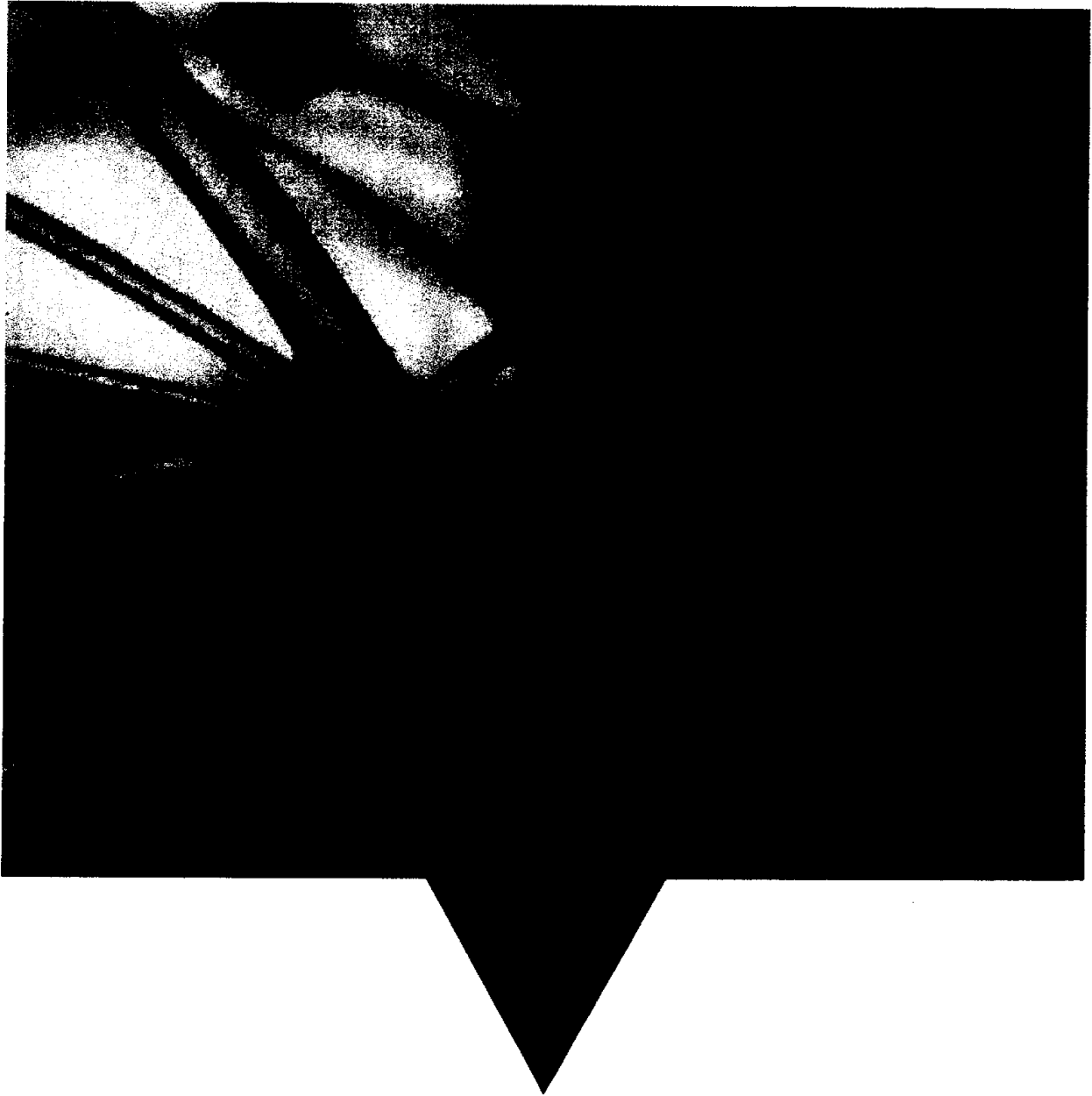
### TECHNICAL SPECIFICATIONS

	Fast Ethernet	Gigabit Ethernet
<b>Network Technology</b>	Fast Ethernet over NEON's state-of-the-art SONET network	Gigabit Ethernet over NEON's state-of-the-art SONET or DWDM optical network
<b>Throughput</b>	50/100 Mbps	600/1000 Mbps
<b>Handoffs</b>	Category 5, RJ-45	Single mode fiber
<b>Protection</b>	Unprotected handoff with full SONET protection on the NEON network	Unprotected handoff. Can be designed as single path or diverse path over a SONET or wavelength infrastructure
<b>Network Management</b>	24x7x365 monitoring and surveillance	24x7x365 monitoring and surveillance
<b>Network Options</b>	Long-haul and metro configurations	Long-haul and metro configurations
<b>Availability</b>	Most on-net locations throughout the NEON network	Most on-net locations throughout the NEON network



NEON  
COMMUNICATIONS

SONET VIRTUAL PRIVATE NETWORK SERVICE





## NEON COMMUNICATIONS SONET VIRTUAL PRIVATE NETWORK SERVICE

NEON's SONET Virtual Private Network (VPN) Service combines the reliability and availability associated with dedicated SONET rings with the ease of ordering individual circuits to provide you with a service that scales with your network needs and enhances your bottom line. NEON's SONET VPN Service is available in two arrangements, Hubbed and Any-to-Any Connectivity. Both arrangements provide either an OC-48 or OC-12 virtual SONET ring connecting a predetermined set of locations. Once the service is established, any combination of DS-3s through OC-12s can be added up to the total capacity of the network. Provisioned over multiple, shared SONET rings, the service is fully protected with SONET reliability.

SONET VPN Service is a flexible offering that takes the guesswork out of network planning. Carriers can quickly add incremental bandwidth as demand materializes. It also offers a "pay as you grow" financial model that minimizes your up-front costs and better matches revenue to expenses.

NEON's SONET VPN Service is ideal for carriers and service providers who:

- Have known locations that need bandwidth but do not know the exact amount required between locations
- Need to rapidly turn up additional bandwidth
- Need the reliability and availability associated with a dedicated SONET ring, but want to minimize cost and maintain flexibility

### BENEFITS

- **Flexible**—With SONET VPN, carriers don't need to know the exact service mix up front. They can add bandwidth where they need it and as they need it.
- **Cost Effective**—With a low up-front cost and a "pay as you grow" model, SONET VPN enables carriers to better match revenue to expenses. It also allows carriers to avoid the cost and trouble associated with building dedicated SONET rings.
- **Speeds Time to Market**—Rapid circuit turn up ensures that carriers have the bandwidth available when they need it, guaranteed.

- **Reliable**—24x7x365 network monitoring and technical support.
- **Available**—NEON's network is available today spanning from Maine to Washington, DC. SONET VPN is available at specific locations throughout the NEON network. Contact your Account Manager for a list of buildings included in this service offering.

### Provisioning

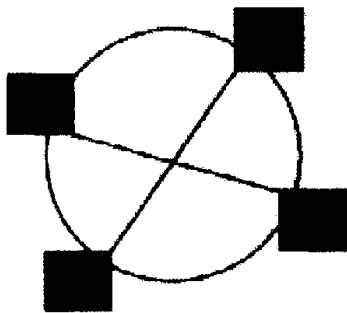
Once the SONET VPN Service is established, provisioning new circuits will occur within 5 business days, guaranteed. (See Service Level Agreement (SLA) for additional details)

### Provisioning SLA

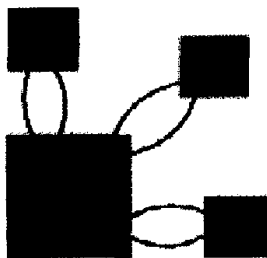
The standard provisioning interval to turn up a new circuit will be 5 business days, guaranteed. Customers will receive a credit equal to 5 days of free service on that circuit for each day that the circuit is late, up to a maximum of 60 days of free service.

## SONET VPN SPECIFICATIONS

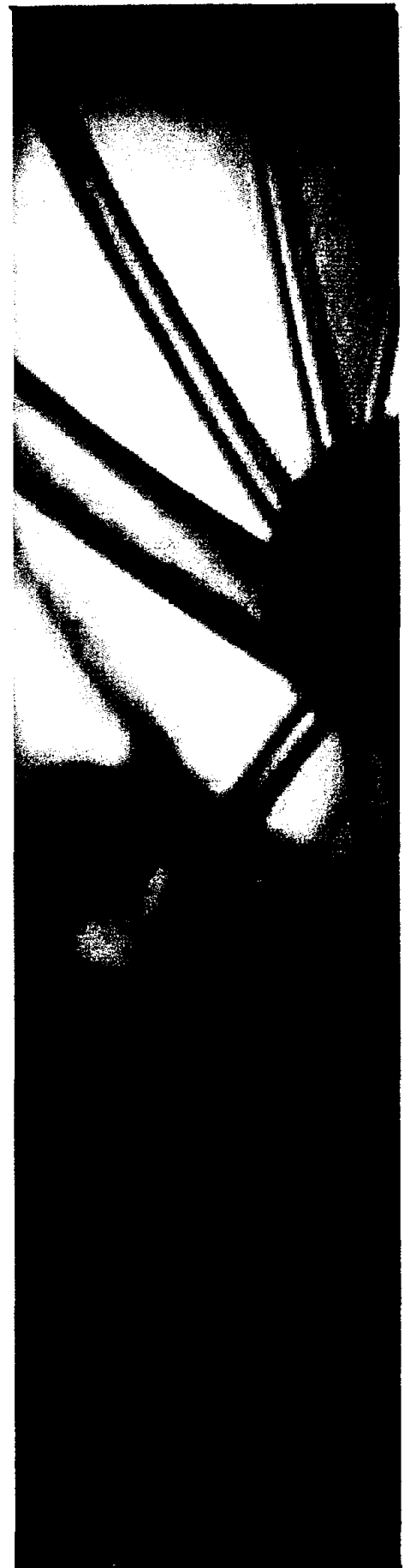
	OC-12	OC-48
<b>Maximum # of STS-1s</b>	12	48
<b>Bandwidth Supported</b>	DS-3, OC-3	DS-3, OC-3, OC-12
<b>Performance Management</b>	24x7x365 monitoring	24x7x365 monitoring
<b>Restoration Interval</b>	50 msec	50 msec
<b>Reliability</b>	99.999%	99.999%
<b>Standards Compliance</b>	Telecordia GR-253 Core	Telecordia GR-253 Core



**Any-to-Any Connectivity Arrangement**



**Hubbed Arrangement**





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2/02





# NEON COMMUNICATIONS

CUSTOM PRIVATE OPTICAL NETWORK SOLUTIONS



INNOVATIVE

WIDE AREA

NETWORK

SOLUTIONS



## NEON COMMUNICATIONS

### CUSTOM PRIVATE OPTICAL NETWORK SOLUTIONS

#### SERVICE OVERVIEW

Networking requirements have become more complex as multiple protocols and applications need to be supported across a wide area network. Standardized, off-the-shelf service offerings from the local phone company no longer meet the needs of many carriers and businesses. Often what they need is a network designed and built to support their specific networking requirements. However, the time and costs associated with building a private network, along with the level of specialized knowledge and expertise required to undertake this endeavor, make it unfeasible for most companies even to consider. If you are faced with this situation, NEON can offer your company an innovative way to get the specific optical networking solutions needed to achieve your business objectives.

#### DESIGN

NEON will work with your team to gain an understanding of your networking requirements. NEON will then move into the design phase, which includes

establishing the physical routes the network will take, determining the SONET and optical layer design, as well as specifying the equipment configuration. NEON will deliver a comprehensive plan which includes detailed configurations for each site, fiber maps, time lines, and cost estimates.

#### BUILD

NEON will assign a Project Manager to oversee the construction of your network. This individual will be your single point of contact working to coordinate the efforts of the various groups involved in the project and to ensure that it stays on track. Also during this phase, NEON will secure the elements required to implement the design, which could include negotiating rights-of-way, leasing space, and procuring equipment.

#### MAINTAIN

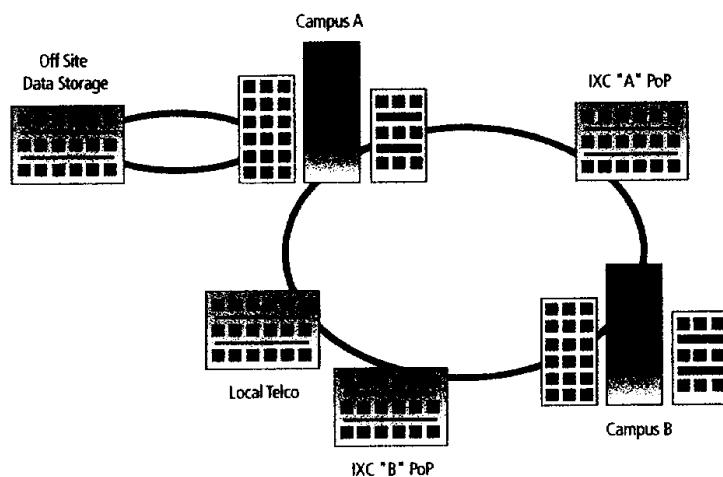
Once your network is built, NEON offers a full suite of managed services, including the monitoring of the SONET and optical layers to ensure that the network performs at the high level your business demands.

#### FEATURES AND BENEFITS

- **Experienced** - Leverage the knowledge of our skilled team of communications professionals. NEON designed and built its network from the ground up and can do the same for your company. You will be dealing with a team that knows the local market and knows how to complete projects on time and on budget.
- **Established** - NEON is a well established regional carrier which provides services to some of the largest carriers and businesses along the East Coast.
- **Carrier Neutral** - NEON has connectivity to most major carriers and Tier 1 ISPs throughout its region so you can be assured that NEON can connect you to the carrier of your choice.
- **Cost Effective** - NEON saves you the time and expense associated with building your own network or acquiring it from the local phone company.
- **Unique Rights-of-Way (ROW)** - NEON's use of electric utility ROWs enables it to offer an unparalleled level of diversity.
- **Turnkey Solution** - NEON manages your project from the design phase all the way through to the maintenance of the network.

## AVAILABILITY

NEON offers Custom Private Optical Network Solutions on an individual case basis. The foundation for any solution can either be at the SONET or DWDM layer. NEON can support multiple protocols such as Fast Ethernet, Gigabit Ethernet, ATM, as well as storage protocols such as Fibre Channel.



In this example, NEON was able not only to provide a network that connected the customer's campuses and off-site data storage, but also connected them to multiple carriers. This allowed the customer to choose which carrier they wanted to purchase services from, on an application-by-application basis.



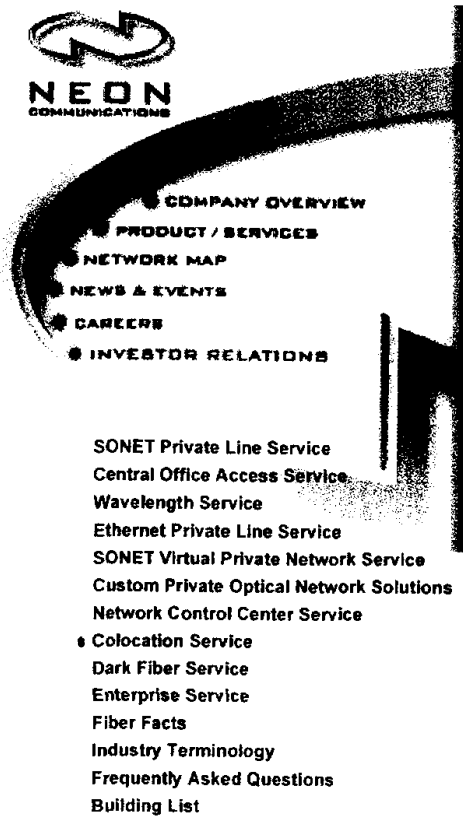


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## Colocation Service

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NEON's Colocation Service provides secure, state-of-the-art colocation centers strategically located to facilitate high bandwidth connectivity to the NEON network, carrier hotels, local switch offices, and numerous service providers.

Locating your equipment in NEON's colocation centers ensures fast provisioning without expensive and time-consuming buildouts. We take care to house your equipment in a fully monitored facility that provides secure and reliable high bandwidth access to NEON's network.

NEON offers Colocation Service in 20 facilities located throughout the Northeast and mid-Atlantic states. Our colocation centers offer state-of-the-art, secure, carrier class, conditioned space supporting power ready racks, cabinets, and bulk space.

### Features and Benefits

- **Valuable Locations** – NEON's colocation centers are strategically located in key downtown metropolitan areas within close proximity to all major carrier and Internet facilities, ensuring easy connectivity to the highest value communications markets in the United States.
- **Highest Connectivity** – NEON's colocation centers have full connectivity to NEON's metropolitan loops and backbone network, providing connectivity to central offices, long distance carriers, carrier hotels, and Internet network access points.
- **Scalable Bandwidth** – NEON's metro and long-haul optical network is ready to provide high capacity, scalable SONET bandwidth in increments of DS-3, OC-3, OC-12, and OC-48, and managed wavelengths in both 2.5 Gbps and 10 Gbps. Ethernet Private Line transport services with point-to-point connections at either 50 Mbps or 100 Mbps are also available. NEON utilizes dense wave division multiplexing in both metro and long-haul networks to ensure availability and scalability.
- **Available** – NEON's colocation centers are built and fully equipped with all systems including racks, AC/DC power, HVAC, backup generators and batteries, and full NEON network connectivity.
- **Unparalleled Security and Reliability** – NEON's colocation centers employ the latest in controlled access systems and security, ensuring the highest level of security. Reliability is designed into the facilities with 24x7x 365 surveillance, fully redundant systems, and local field technicians, ensuring carrier class facilities.

### Colocation Service Specifications

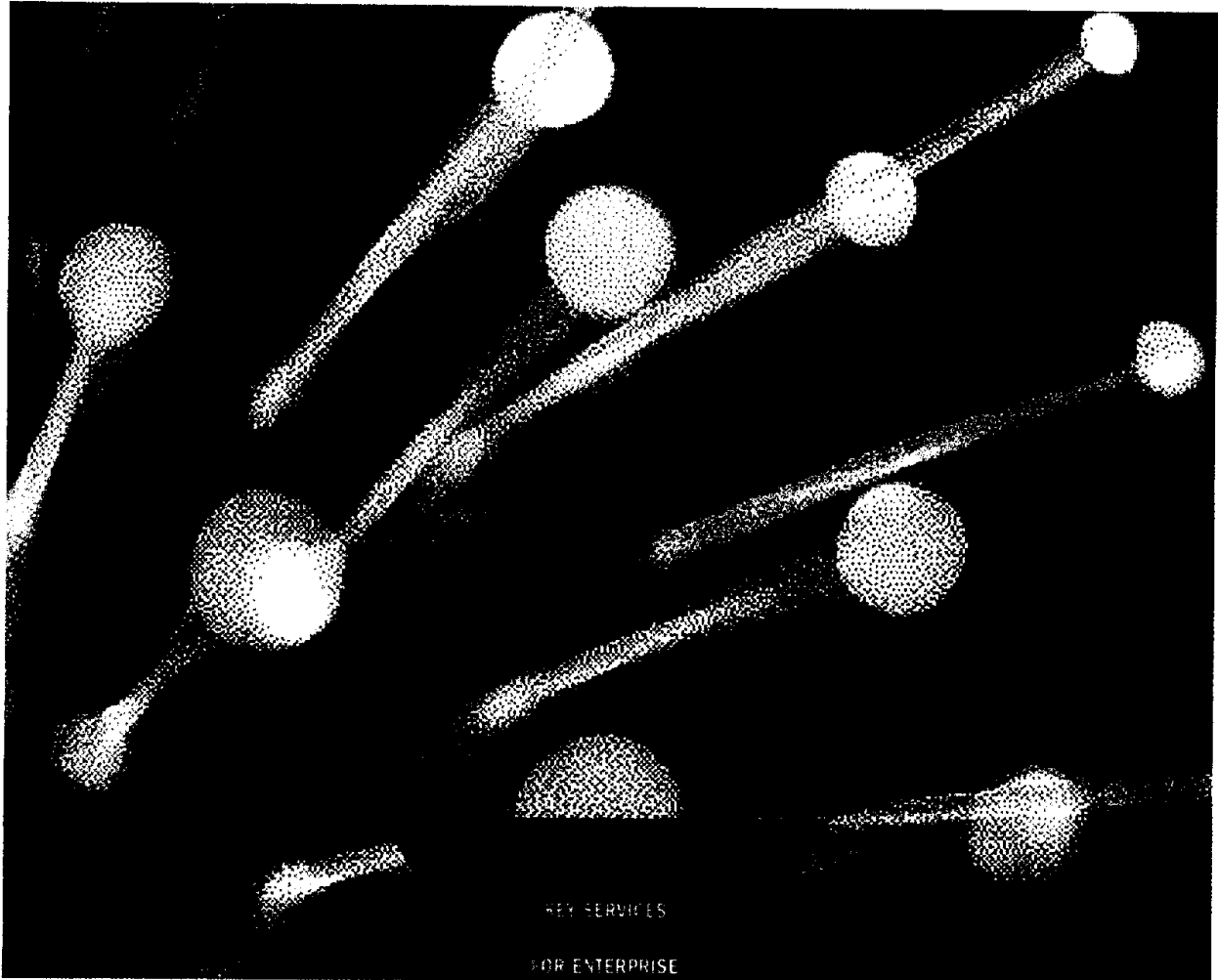
Racks	Standard 23x84
Cabinets	Standard 23x36x84
Floor Space Range	600-10,000 Sq. Ft.
Power DC	15 Amps/30 Amps/60 Amps
Power AC	120V Convenience Outlets
Backup Generators	72 Hour Min. Run Time Diesel Generators
Battery Backup DC	4 Hour Min.
Grounding	Separate Equipment and Building Grounds
Cooling Systems	Fully Redundant HVAC
Building Fiber Entry	Dual Diverse Fiber
Access to Facility	24x7
Remote Monitoring	NEON NCC
Availability	Boston, MA (multiple sites) Chester Springs, PA Hartford, CT Hellertown, PA Manchester, NH Nashua, NH New York, NY Owings Mills, MD Plainfield, NJ Portland, ME Portsmouth, NH Providence, RI Rising Sun, MD Springfield, MA Stamford, CT Washington, DC White Plains, NY Worcester, MA

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# NEON COMMUNICATIONS

ENTERPRISE SERVICES



KEY SERVICES  
FOR ENTERPRISE  
CUSTOMERS



## NEON COMMUNICATIONS

### ENTERPRISE SERVICES

**NEON Communications, Inc.** is a facilities-based wholesale communications provider, supplying comprehensive end-to-end telecom services to communications companies and enterprise customers in the 12-state Northeast and mid-Atlantic region. NEON provides SONET and DWDM services to a wide range of enterprise accounts and communications carriers including ILECs, CLECs, ISPs, IXCs, and wireless.

NEON takes you where you want to go with complete and affordable end-to-end service. From start to finish, we focus on delivering the highest level of customer service, including speed and ease of provisioning, full service project management, custom designed solutions, 24x7x365 support and flexible billing options. NEON owns and operates the network as a facilities-based provider of colocation, regeneration and amplifier facilities, not as a services reseller. Major telecommunications providers lease services from NEON, and in turn, resell to their end-users.

Unlike our competitors, our bandwidth extends to cities and towns beyond the "first tier" markets of Boston, New York, and Washington, DC. Our "second tier" markets provide access to such cities as Portland, Portsmouth, Manchester, Springfield, Worcester, Providence, and Hartford.

The NEON network consists of 2,500 route miles (over 100,000 fiber miles) from Portland, Maine to Washington, DC; including connectivity to over 100 POPs (central offices, carrier hotels, IXC POPs, etc.). The NEON rights-of-way include electric utility conduits and public carrier-based facilities, providing geographic diversity throughout the footprint and from other carriers.

NEON uses physically diverse metro rings and redundant equipment in major service areas. The network technology is based on SONET rings at 10 Gbps (OC-192) and DWDM waves at 160 Gbps (16 waves @ 10 Gbps each). The SONET technology provides enterprise customer hand-offs at speeds up to 2.5 Gbps (OC-48) in a diverse ring architecture. DWDM technology supports protected and unprotected wavelengths of 2.5 Gbps and 10 Gbps.

### KEY NEON ENTERPRISE SERVICES

- **SONET Private Line**—Physically diverse, looped SONET services at bandwidth levels including DS-3, OC-3, OC-12, and OC-48.
- **Lambda (DWDM)**—Flexible and scalable high capacity transport at 2.5 Gbps and 10 Gbps, configured as either protected or unprotected wavelengths.
- **Ethernet**—Dedicated service provides point-to-point Ethernet connections at either 50 Mbps or 100 Mbps.
- **Custom Private Optical Network Solutions**—On your behalf, NEON can design, build, and manage your network. NEON supports multiple protocols such as Fast Ethernet, Gigabit Ethernet, ATM, as well as storage protocols such as Fibre Channel.
- **Central Office Access**—Connections to major carriers throughout the NEON footprint over NEON's fully protected SONET network.
- **Colocation**—Secure, carrier class conditioned, and power ready space, racks and cabinets strategically located to facilitate high bandwidth connectivity to other POPs, carrier hotels, local switch offices and numerous service providers.
- **NCC Services**—Includes monitoring of circuit and node status, alarming when performance falls outside established thresholds, and producing management reports.
- **Muxing**—Aggregate local DS-1 traffic and backhaul it, via DS-3s, to your desired location.



## ADVANTAGES AND BENEFITS

- Utilizing the NEON network can enable you to reduce operating expenses
- Optical management and infrastructure expertise assures that you implement a network that not only meets your needs today, but tomorrow as well
- NEON builds, integrates, and manages optical networks at the carrier level meeting the same level of service provided to the nation's largest telecommunications companies
- One point of contact for all network needs
- Quarterly customer service meetings to review network performance and assure your total satisfaction
- Our monitoring capabilities allow you to view your own network
- Ability to upgrade technologies and services as they are introduced into the market without making the capital investment required in the past
- Monthly budget fixed and managed by you
- Enterprise customers can focus on their core competencies while NEON focuses on its core competency—designing, building, and maintaining complex networks
- Our use of electric utility rights-of-way enables us to offer an unparalleled level of diversity
- NEON strives for a win/win relationship with its customers

NEON Communications is a regional, facilities-based network services provider in the 12-state Northeast and mid-Atlantic region offering alternative access services including: True Diversity (through unique rights-of-way); SONET Services (DS-3; OC-n); Metro Ethernet (GigE; Fast Ethernet); DWDM; Connections to IXCs/ISPs; Long-haul; Private Networks; Colocation; Custom Applications; Disaster Recovery (Hot Site Connectivity; Remote Storage Connectivity; CO Diversity); Managed Services (NCC Services); and Local Access (3:1 Muxing).





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- Central Office Access Service
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- Network Control Center Service
- Colocation Service
- Dark Fiber Service
- Enterprise Service
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- Industry Terminology
- Frequently Asked Questions
- Building List

## Fiber Facts

### High Bandwidth

The bandwidth of a single-mode fiber far surpasses the capabilities of today's network electronics. The information-carrying capacity of the fiber is essentially infinite. Not only can the fiber support speeds of tens of gigabits per second, it can carry many gigabit channels simultaneously.

The amount of data that can be transmitted over fiber is limited only by the electronic equipment at each end of the cable. As advances are made, NEON Communications' network is scalable and will support these new transmission standards.

### High Strength

An optical fiber has greater tensile strength than copper or steel fibers of the same diameter. It is flexible, bends easily, and resists most corrosive elements that attack copper cable. Optical cables can withstand pulling forces of more than 150 pounds - about six times that recommended for Category 5 cable.

### Incredible Capacity

One pair of fiber optic strands can modestly transmit 10 gigabits of data per second or the equivalent of approximately 129,000 simultaneous telephone conversations.

DWDM (Dense Wave Division Multiplexing) applications allow multiples of this capacity to be transmitted over a single pair of fibers.



**NEON**  
COMMUNICATIONS

**Building List**

**2004**

## NEON Communications Building List

State	City	Address	Building	Room	Phone	Fax	Modem	ISDN	Other	Service	Access	Node	Gateway	ICB	ICB	ICB	ICB	ICB	ICB
CT	Bridgeport	555 State St	06604	4	BRPTCTEXH02	1	203-335	Node		Existing	920	Now		X	X	X	X	X	
CT	Bridgeport	365 John St	06604	3	BRPTCT01HB1	Cage	203-334	CO	SNET	Existing	920	Now		X	X	X	X	X	
CT	Greenwich	16 Sherwood Pl	06830	4	GNWCCTGNHAI	CATT	203-822	CO	VZ	Existing	132	Now		ICB	ICB	ICB	ICB	ICB	ICB
CT	Hartford	111 Trumbull St	06103	4	HRFRCT03WP6	Cage	860-246	CO - Tandem	SNET	Existing	920	Now		X	X	X	X	X	
CT	Hartford	185 Asylum St	06103	4	HRFRCTBCH00	FTP	203-202	Node		Existing	920	Now			X	X	X	X	
CT	Hartford	10 Columbus St	06103	4	HRFRCT	FTP	203-202	Access Point		Existing	920	Now			ICB	X	X	X	
CT	Hartford	1 Gold St	06103	4	HRFRCT22H10	1	203-202	Node	MCI	Existing	920	Now		X	X	X	X	X	
CT	Hartford	153 Market St/990 Main St	06103	3	HRFRCTBCH00	3	860-246	Gateway - T2	SNET	Existing	920	Now	X	X	X	X	X	X	ICB
CT	Hartford	300 Windsor St	06103	4	HRFRCTBCH01		860-246	Access Point	WITel	Existing	920	Now			ICB	X	X	X	
CT	Hartford	1 Talcof St	06103	4	HRFRCTCNCNB	4	860-246	Node	CT Telephone	Existing	920	Now			STS	X	X	X	
CT	New Haven	400 State St	06510	4	NWHNCT03HC1	Cage	203-777	CO	SNET,SBC	Existing	920	Now		X	X	X	X	X	
CT	New London	3 Shaw St	06320	4	NWLNCT03H00	1	860-437	Access Point		Existing	920	Now			ICB	X	X	X	
CT	Stamford	114 Stillwater Ave	06901	4	SMFRCTQIH02	1	203-324	Access Point		Existing	920	Now			ICB	X	X	X	
CT	Stamford	555 Main St	06901	4	SMFRCT01HB1	Cage	203-324	CO	SNET	Existing	920	Now		X	X	X	X	X	
CT	Stamford	21 Harbor View St	06901	4	SMFRCT	1	203-324	Access Point	L-3	Existing	920	Now			ICB	X	X	X	
CT	Stamford	5 Landmark Sq	06901	3	SMFRCTMLH00	1	203-324	Gateway - T2		Existing	920	Now	X	X	X	X	X	X	
CT	Stamford	86 Viaduct St	06901	4	SMFRCTMLH01	1	203-324	Access Point	WITel	Existing	920	Now			ICB	X	X	X	
CT	Waterford	Millstone Power Plant	06385	4	WTRFRCTAKH00	1	860-447	Node		Existing	920	Now			X	X	X	X	
CT	West Haven	5 Horton Pl	06516	4	WSHNCT01H00	1	203-937	Node		Existing	920	Now			X	X	X	X	
DC	Washington	30 E St SW	20037	2	WASHDCSWHRG	SCOPE	202-859	CO - Tandem	VZ	Existing	236	Now		X	X	X	X	X	
DC	Washington	1200 H St/730 12th St	20005	2			202-859	CO		Planned	236			X	X	X	X	X	X
DC	Washington	2100 M St	20037	1	WASHDC98H15	Bamnt	202-859	Gateway-T1	MFN	Existing	236	Now		X	X	X	X	X	X
DC	Washington	900 2nd St NE	20002	1	WASHDCWVNON	1	202-859	Gateway-T1	VZ	Existing	236	Now	X	X	X	X	X	X	X
DC	Washington	1120 Vermont Ave	20005	2	WASJDCTLH02	1	202-859	Access Point	MFN	Existing	236	Now			ICB	X	X	X	
MA	Boston	800 Boylston St	02198	2	BSTNMBLH55	15	617-236	Node	MCI	Existing	128	Now	X	X	X	X	X	X	X
MA	Boston	1 Summer St	02110	1	BSTPMALLH14	4	617-542	Gateway - T1		Existing	128	Now	X	X	X	X	X	X	X
MA	Boston	230 Congress St	02110	2	BSTNMACOH24	8	617-210	Node		Existing	128	Now		X	X	X	X	X	X
MA	Boston	185 Franklin St	02110	2	BSTNMAFRHBU	Cage	617-204	CO	VZ	Existing	128	Now		X	X	X	X	X	X
MA	Boston	6 Bowdoin Sq	02114	2	BSTNMABOHA2	CATT	617-227	CO	VZ	Existing	128	Now		ICB	ICB	ICB	ICB	ICB	ICB
MA	Boston	200 Clarendon St	02109	2	BSTNMA	FTP	617-236	Access Point		Existing	128	Now			ICB	X	X	X	
MA	Boston	41 Belvidere St	02109	2	BSTNMABEHBR	SCOPE	617-236	CO	VZ	Existing	128	Now		X	X	X	X	X	
MA	Boston	8 Harrison Ave	02111	2	BSTNMAHAHAX	CATT	617-210	CO	VZ	Existing	128	Now		ICB	ICB	ICB	ICB	ICB	ICB
MA	Boston	109 Brookline St	02215	2	BSTNMACV	2	617-236	Node	Sprint	Existing	128	Now		X	X	X	X	X	X
MA	Brockton	65 Crescent St	02301	4	BRTNMACRHAR	Cage	508-588	CO	VZ	Existing	128	Now		X	X	X	X	X	X
MA	Brockton	180 Court St	02301	4	BRTNMACOHAF	Cage	508-580	CO - Tandem	VZ	Existing	128	Now		X	X	X	X	X	X
MA	Cambridge	210 Bent St	02141	2	CMBRMABEBG	SCOPE	617-225	CO - Tandem	VZ	Existing	128	Now		X	X	X	X	X	X
MA	Cambridge	185 Bent St	02141	2	CMBRMAORH01	1	617-225	Node		Existing	128	Now		X	X	X	X	X	X
MA	Cambridge	205 Bent St	02141	2	CMBRMAWWD4	1	617-494	Node	VZ	Existing	128	Now		X	X	X	X	X	X
MA	Cambridge	250 Bent St	02141	2	CMBRMA01NON	1	617-494	Node	ATT	Existing	128	Now		X	X	X	X	X	X
MA	Cambridge	10 Ware St	02138	2	CMBRMAWAHAV	CATT	617-234	CO - Tandem	VZ	Existing	128	Now		ICB	ICB	ICB	ICB	ICB	ICB
MA	Cambridge	300 Bent St	02141	2	CMBRMAORH01	1	617-551	Node	L-3	Existing	128	Now		X	X	X	X	X	X
MA	Charlestown	500 Rutherford Ave	02129	2	CHTWMAABMH00	Mezz	617-634	Node		Existing	128	Now		X	X	X	X	X	X
MA	Charlestown	56 Roland St	02129	1	CHTWMAABFW01	2	617-886	Gateway - T1	ATT,MCI,VZ	Existing	128	Now	X	X	X	X	X	X	X
MA	Frammingham	141 Union Ave	01702	4	FRMNMAUHNBC	SCOPE	508-820	CO - Tandem	VZ	Existing	128	Now		X	X	X	X	X	X
MA	Frammingham	825 Waverly St	01702	4	FRMNMAAJW05	2	508-820	Node	ATT	Existing	128	Now		X	X	X	X	X	X
MA	Frammingham	881 Waverly St	01702	4	FRMNMAAMQH02	1	508-820	Node		Existing	128	Now		X	X	X	X	X	X
MA	Lawrence	425 Canal St	01840	4	LWRNMACAHBG	Cage	978-662	CO - Tandem	VZ	Existing	128	Now		X	X	X	X	X	X
MA	Lowell	900 Chelmsford St	01852	4	LWLLMACVW00	1	978-452	Access Point		Existing	128	Now			ICB	X	X	X	

Access Point = no current add/drop  
Node = add/drop available  
CO = Central Office  
Gateway = Main switching point for the NEON network (Tier 1 or Tier 2 city)

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[illegible]

September 27, 2004

## Building List

[REDACTED]

Gateway = Main switching point for the NEON network (Tier 1 or Tier 2 city)

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## NEON Communications Building List

State	City	Address	Zip	Count	Building Name	Category	Phone	Node	Service	Status	Count	Notes	ICB	ICB	ICB	ICB	ICB	ICB
NY	Ossining	162 Main St	10562	4	OSNGNYOSHAJ	SCOPE	914-941	CO	VZ	Planned	132	Q-4		X	X	X		
NY	Peekskill	1023 Brown St	10566	4	PKSKNYPSHAM	SCOPE	914-739	CO	VZ	Planned	132	Q-4		X	X	X		
NY	Poughkeepsie	20 S Hamilton St	12601	4	PGHKNYSHAM	SCOPE	845-432	CO - Tandem	VZ	Existing	133	Now	X	X	X	X		
NY	Putnam Valley	Peekskill Hollow Rd	10579	4	PTVYNYPYHAE	SCOPE		CO	VZ	Planned	132	Q-4		ICB	ICB	ICB	ICB	ICB
NY	Spectankill	15 Stuart Dr	12803	4	PGHKNYSPHAF	SCOPE	845-482	CO	VZ	Existing	133	Now		ICB	ICB	ICB	ICB	ICB
NY	Suffern	2 Pavilion Rd	10901	4	SFRNNYCBH00	1	845-369	Node	WITel	Existing	132	Now	X	X	X	X	X	
NY	Tarrytown	19 Central Ave	10591	4	TRTWNYTTHAT	SCOPE	914-631	CO	VZ	Planned	132	Q-4		X	X	X	X	
NY	Wappingers Falls	10 South Ave	12590	4	WPFNYWFHQ2	SCOPE	845-297	CO	VZ	Existing	133	Now		ICB	ICB	ICB	ICB	ICB
NY	White Plains	360 Hamilton Ave	10601	3	WHPLNY05W03	1	914-997	Gateway - T2	VZ	Existing	132	Now	X	X	X	X	X	X
NY	White Plains	1 N Broadway	10601	4	WHPLNYNBW28	8	914-977	Access Point		Existing	132	Now		ICB	X	X	X	X
NY	White Plains	111 Main St	10601	4	WHPLNYWPHAY	SCOPE	914-997	CO - Tandem	VZ	Existing	132	Now	X	X	X	X	X	X
NY	White Plains	400 Hamilton Ave	10601	4			914-997	Node	ATT	Existing	132	Now	X	X	X	X		
NY	Yorktown Heights	2750 Hickory St	10598	4	YRTWNYTTHAH	SCOPE	914-962	CO	VZ	Planned	132	Q-4		X	X	X		
PA	Chester Springs	1985 Ticonderoga Blvd	19425	4	CSSPPA55NON		610-458	Node		Existing	228	Now	X	X	X	X	X	X
PA	Hellertown	155 Woodland Rd	18055	4	HLTWPAWRNON			Node		Existing	228	Now	X	X	X	X	X	X
PA	Philadelphia	1631 Arch St	19103	2				CO		Planned	228			X	X	X	X	X
PA	Philadelphia	2401 Locust St	19103	2				Node		Planned	228			X	X	X	X	X
PA	Philadelphia	401 N Broad St	19108	1	PHLAPAFGW72	9	215-413	Gateway-T1	S&D	Existing	228	Now	X	X	X	X	X	X
PA	Philadelphia	900 Race St	19107					CO - Tandem		Planned	228			X	X	X	X	X
RI	Cranston	56 Phenix Ave	02920	4	CNTNRIPPHAL	CATT	401-464	CO	VZ	Existing	130	Now		ICB	ICB	ICB	ICB	ICB
RI	Providence	300 Carpenter St	02909	3	PRVDRIODW03	1&2	401-421	Gateway - T2	VZ,MCI	Existing	130	Now	X	X	X	X	X	X
RI	Providence	3 Regency Plaza	02903	4	PRVDRIODH00	1	401-222	Access Point		Existing	130	Now		ICB	X	X	X	X
RI	Providence	234 Washington St	02903	4	PRVDRIWAH12	SCOPE	401-222	CO - Tandem	VZ	Existing	130	Now	X	X	X	X	X	X
RI	Providence	1096 Broad St	02905	4	PRVDRIBRHAK	CATT	401-467	CO	VZ	Existing	130	Now		ICB	ICB	ICB	ICB	ICB
RI	Providence	375 Promenade St	02903	4	PRVDRIODH01	1	401-222	Access Point	WITel	Existing	130	Now		ICB	ICB	X	X	X
RI	Warwick	2557 W Shore Rd	02889	4	WRWKRIWSHAI	CATT	401-738	CO	VZ	Existing	130	Now		ICB	ICB	ICB	ICB	ICB
VA	Arlington	1025 N Irving St	22201	2				CO - Tandem		Planned	236			X	X	X	X	X
VA	Ashburn	21715 Filigree Ct	20147	2	ASBNVAA5	1	703-723	Node	Equinix	Existing	246	Now		X	X	X	X	X
VA	Falls Church	2935 Galloway Rd	22042	2				CO		Planned	236			X	X	X	X	X
VA	Herndon	472 Elden St	20170	2				CO		Planned	236			X	X	X	X	X
VA	McLean	1701 Chain Bridge Rd	22101	2				CO		Planned	236			X	X	X	X	X
VA	McLean	8300 Greensboro Dr	22102	2						Planned	236			X	X	X	X	X
VA	McLean	1755 Old Meadow Rd	22102	2	MCLNVALV	1	703-893	Node	L-3	Existing	236	Now		X	X	X	X	X
VA	Vienna	7990 Science App Ct	22182	1	VINNVA05NON	1	703-281	Gateway-T1	S&D	Existing	236	Now	X	X	X	X	X	X
VA	Vienna	8100 Boone Blvd	22182	2		1				Planned	236			X	X	X	X	X
VA	Vienna	8502 Tyco Rd	22182	2		1				Planned	236							
VT	Brattleboro	213 Main St	05301	4	BRBOVTMAHAA	Cage	802-258	CO	VZ	Existing	124	Now		X	X	X	X	ICB
VT	Burlington	266 Main St	05401	4	BURLVTMAHAR	SCOPE	802-652	CO	VZ	Existing	124	Now		X	X	X	X	X

Access Point = no current add/drop  
Node = add/drop available  
CO = Central Office  
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**DECLARATION OF CLAIRE BETH NOGAY**

**EXHIBIT 10**

HOME

CONTACT US

RESIDENTIAL SERVICES



### ⇌ CARRIER SERVICE

Your Single Nationwide Source for Local Fiber Solutions When it comes to your ever-expanding network demands, it's all about access. And Cox Business Services helps you make the local connection with our state-of-the-art self-healing, redundant, ring-in-ring network. As an established leader in broadband communications, Cox offers the bandwidth and service you need to quickly, easily and reliably grow your existing networks or launch new ones.

Cox is a facilities-based provider, utilizing BGP routing over multiple connections to network access points (NAPs). We offer a pure point-to-point fiber optics connection from our network directly to your customers over a system architecture that ensures enhanced security, reliability and speed.

What's more, by owning and maintaining our network, we are wholly accountable, offering the simplicity and security of single-provider service.

Cox currently operates in over 20 major markets from coast to coast. More markets are being added throughout 2001 and 2002. View our Cox Carrier Services markets.

#### **Products and Services:**

Cox Carrier Services utilizes our local fiber backbone to deliver bandwidth speeds up to OC-48, giving you the speed and capacity you need to handle your customer's or network's bandwidth-heavy applications. We are also in the process of deploying Dense Wavelength Division Multiplexing (DWDM) technology in select markets for greater bandwidth capabilities. We offer several services for wholesale customers who need high-speed connectivity, including:

Cox Private Line Service: Provides point-to-point connections between

points of presence (POPs). Connect your own points of presence or interconnect to another carrier, whether that carrier is an ISP, ILEC, IXC, CLEC, BLEC, or wireless provider. Cox offers you a choice of four high-volume, digital transmission bandwidths: DS-3, OC-3, OC-12 and OC-48. A network diagram can be viewed [here](#).

**Cox Carrier Access Service:** Provides you with dedicated local loop access to your customers through hubbed, point-to-point private line connections. Cox Carrier Access consists of two components, a Carrier Interconnection Circuit and a Customer End Loop. Choose from two bandwidth levels on the Carrier Interconnection Circuit and four bandwidth levels on the Customer End Loop. A network diagram can be viewed [here](#).

Carrier Interconnection Circuits connect the Cox POP to your POP and are available in OC-12 and OC-48 bandwidths. Customer End Loops connect your network to your customer's office or facility and are available in DS-1, DS-3, OC-3 and OC-12 bandwidths.

Both our Private Line and Carrier Access services are deployed over our SONET transmission equipment with electronic redundancy. Cox's self-healing network with path and electronic protection switching utilize fiber-optic rings with path diversity.

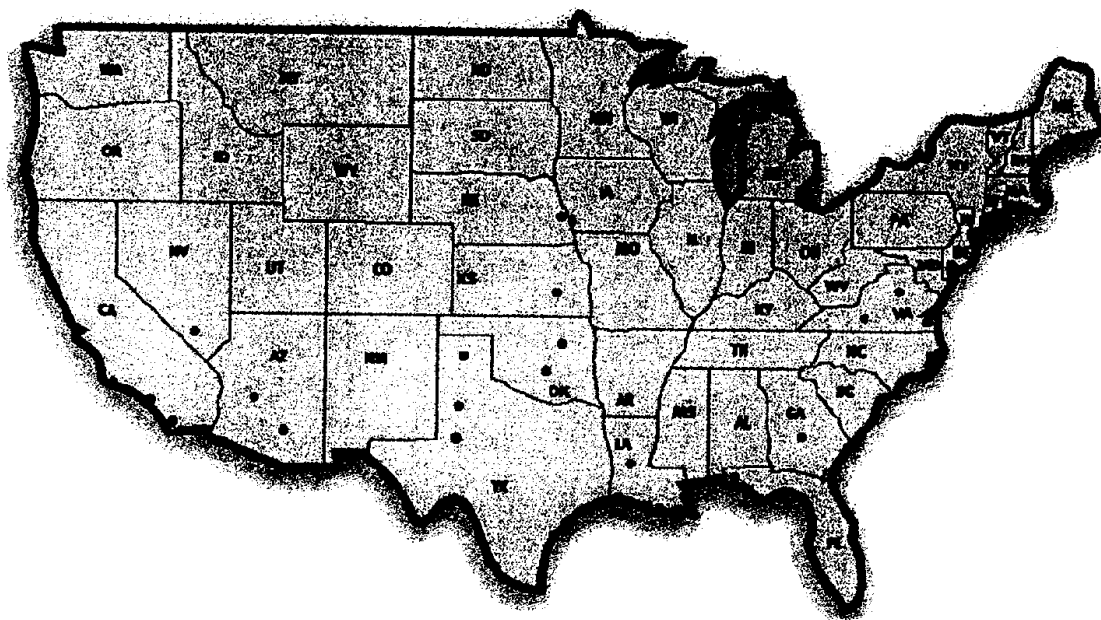
#### **A Single Team Dedicated to Carrier Sales**

Local access is important to you-important enough that Cox has formed a national team of experts that support you in every Cox market and who are solely dedicated to handling all aspects of your fiber solution. Cox's national account team typically consists of an Account Executive, Sales Order Administrator, Sales Customer Care Representative, Sales Billing Analyst and Sales Engineer. So, whether you are buying for one or multiple markets, the process is always simple and streamlined.

The national structure of Cox Carrier Services also affords flexible pricing options. By viewing your account on a national perspective, we often are able to provide significant volume discounts, making the most of your national buying power.

Should you ever need assistance, we're just a phone call away. Just call 1.877.669.3038 or contact us at [cbs.carriersales@cox.com](mailto:cbs.carriersales@cox.com).

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Cox Business Services offers carrier services in the following markets:

Tucson, AZ	Omaha, NE
Phoenix, AZ	Oklahoma City, OK
Orange County, CA	Tulsa, OK
San Diego, CA	Rhode Island
Santa Barbara, CA	Amarillo, TX
Hartford, CT	Lubbock, TX
Pensacola/Fort Walton, FL	Midland, TX
Macon, GA	Hampton Roads, VA
Baton Rouge, LA	Northern Virginia
New Orleans, LA	Richmond, VA
Wichita, KS	Roanoke VA
Las Vegas, NV	

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# Cox Carrier Access

